

# William L. Chameides, Ph.D.

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Dr. Chameides received his Ph.D. in 1974 from Yale University. After Yale, he spent 2 years as a Research Scientist at the University of Michigan and 4 years on the faculty at the University of Florida. In 1980, he joined the faculty at the Georgia Institute of Technology. He served as Director of the School of Earth and Atmospheric Sciences from 1989 to 1994 and is currently the Smithgall Chair and Regents Professor of Atmospheric Sciences, as well as the School's Acting Chair. Dr. Chameides was awarded the MacElwaine Award and elected a Fellow of the American Geophysical Union in 1983, and elected to the U.S. National Academy of Sciences in 1998.

Dr. Chameides is an atmospheric chemist whose research focuses on global biogeochemical cycles, biospheric/atmospheric interactions, air pollution, global change, and urbanization. Through the development and application of numerical algorithms, models, and the design and implementation of field studies, he endeavors to elucidate the coupled chemical, physical, and biological processes that determine the chemical environment, and thereby help identify pathways toward a sustainable future. Dr. Chameides has authored or co-authored more than 100 scientific publications and 4 books, including a textbook on *Global Biogeochemical Cycles*.

Dr. Chameides has been an active contributor to the scientific community throughout his career and was elected a National Associate of the National Academies in 2002 "in recognition of extraordinary service". He currently chairs the National Research Council's Committee on Air Quality Management in the United States, which was commissioned by the U.S. Congress to conduct a 2-year scientific and technical evaluation of the effectiveness of the major air quality provisions of the Clean Air Act and their implementation, and to develop scientific and technical recommendations for strengthening the Nation's air quality management system. Dr. Chameides has served as Editor of the *Journal of Geophysical Research*; Chief Scientist for the Southern Oxidants Study, a research program focused on understanding the causes and remedies for ground-level ozone pollution in the Southern United States; and U.S. Study Director of CHINA-MAP, an international research program studying the effects of environmental change on agriculture in China.

Dr. Chameides is 52, married, and the father of two sons and two stepsons (1 deceased).